

LIQUID CRYSTAL DISPLAY DEVICE

Patent Number: JP10333159
Publication date: 1998-12-18
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Requested Patent: ☐ JP10333159
Application Number: JP19970145243 19970603
Priority Number(s):
IPC Classification: G02F1/1339 ; G02F1/1339
EC Classification:
Equivalents:

Abstract

PROBLEM TO BE SOLVED: To provide the liquid crystal display device which is improved in cell gap precision and sealability.
SOLUTION: Glass substrates 1 and 2 are coated with an ultraviolet-ray setting or thermosetting sealant to form inside and outside seal lines 3 and 3 and a liquid crystal material 5 and spacers 7 are arranged inside the hardened inner peripheral seal line; and the 1st and 2nd glass substrates 1 and 2 are pressed and the outer peripheral seal line 4 is hardened to join the substrates 1 and 2 together. The inner peripheral seal line 3 is formed of a material with good slidability and then a spacer 7 put on the inner peripheral seal line 3 slides down, so the remaining of the spacer on the surface of the inner peripheral seal line 3 is suppressed to reduce decreases in cell gap precision and sealability when the substrates 1 and 2 are joined together.

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